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100-526 U.S. PRO
09/22/96
01/07/96

TO: Assistant Commissioner for Patents
Box Patent Applications
Washington D.C. 20231

Attorney Docket No.035861/0110
(must include alphanumeric codes if no inventors named)

UTILITY PATENT APPLICATION TRANSMITTAL
(new nonprovisional applications under 37 CFR 1.53(b))

Submitted herewith for filing is the patent application of:

INVENTOR(S): Eiichi SHIRAKAWA and Nobuyuki SATA

TITLE:HEAT TREATMENT APPARATUS

In connection with this application, the following are enclosed:

APPLICATION ELEMENTS:

XX Specification - 66 TOTAL PAGES

(preferred arrangement:)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regard Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

XX Drawings - Total Sheets 19

XX Declaration and Power of Attorney - Total Sheets 2

XX Newly executed (original or copy)

Copy from a prior application (37 CFR 1.63(d))

(relates to continuation/divisional boxes completed) - NOTE: Box below

DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Incorporation By Reference (useable if copy of prior application Declaration being submitted)

The entire disclosure of the prior application, from which a COPY of the oath or declaration is supplied as noted above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Microfiche Computer Program (Appendix)

Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

Computer Readable Copy

Paper Copy (identical to computer copy)

Statement verifying identify of above copies

ACCOMPANYING APPLICATION PARTS

Assignment Papers (cover sheet & document(s))

37 CFR 3.73(b) Statement (when there is an assignee)

English Translation Document (if applicable)

Information Disclosure Statement(IDS) with PTO-1449. Copies of IDS Citations Preliminary Amendment

Return Receipt Postcard (MPEP 503)

Small Entity Statement(s)

Statement file in prior application, status still proper and desired.

Certified Copy of Priority Document(s) with Claim of Priority
(if foreign priority is claimed).

OTHER: Check for \$1,244.00

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP)
of prior application Serial No. ____.

Amend the specification by inserting before the first line the following sentence: --This application is a continuation, divisional or continuation-in-part of application Serial No. ____,
filed ____.--

CORRESPONDENCE ADDRESS:

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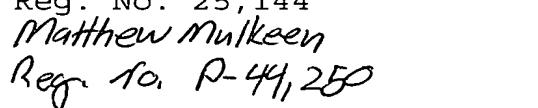
FEE CALCULATIONS: (Small entity fees indicated in parentheses.)

(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$760 (\$380)
Total Claims	36 - 20 =	16	x \$18 (x \$ 9)	\$288.00
Independent Claims	5 - 3 =	2	x \$78 (x \$39)	\$156.00
Multiple Dependent Claims			\$260 (\$130)	0.00
Assignment Recording Fee per property			\$40	40.00
			TOTAL FEE:	\$1,244.00

METHOD OF PAYMENT:

A check in the amount of the above TOTAL FEE is attached. If payment is enclosed, this amount is believed to be correct; however, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 19-0741.

Respectfully submitted,


Richard Linn
Reg. No. 25,144

Matthew Mulkeen
Reg. 10, P-44,250

Date: January 7, 1999
Docket No.: 035861/0110